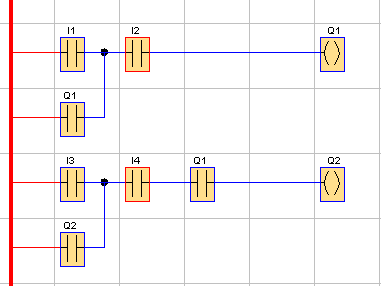
**PLC APPLICATIONS**

**MODULE 2**

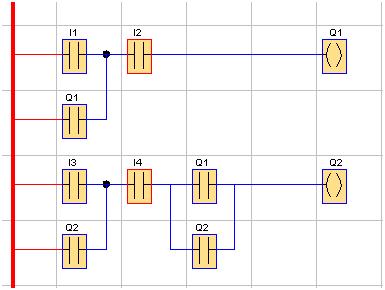
**WORK SHEET 1**

1. A programming instruction that tells the controller to execute part of a program only if conditions are true is called \_\_\_\_\_\_\_\_\_\_\_\_\_



In the above ladder diagram the normally open contact of Q1 is connected to the circuit of Q2 in series, Q1 becomes an  **\_\_\_\_\_\_\_\_\_\_\_\_** for Q2.

Therefore only when ,------------ Q2 enabled.



In the above condition, to start Q2 only ,Q1 is used. To stop Q2, a -------------------

1. When tasks involved in a control system are to be done in a certain order control is said to be \_\_\_\_\_\_\_\_\_\_\_\_\_\_

5.



In the above automatic grain store, To ensure that neither the cyclone nor the conveyor worm is overloaded, the system must be switched on as follows:

The switching off can be done as

1. State whether the following statements are true or false
2. EMERGENCY STOP must have priority over all other operations
3. Resetting of the EMERGENCY STOP must result in switching-on of the plant again.
4. EMERGENCY STOP must be carried out using electromechanical devices.
5. EMERGENCY STOP is always carried out using an NO contact.